

Name(s) of Risk Team Members: P. Cirnigliaro, A. Etkin, R. Karol, E. Lessard, J. Maraviglia, D. Passarello, A. Piper, R. Savage, J. Scott, M. Van Essendelft			Point Value → Parameter ↓		1		2		3		4		5						
Area/Facility Description Title: Collider-Accelerator Department			Occupancy or Use		≤once/year		≤once/month		≤once/week		≤once/shift		>once/shift						
Area/Facility # (if applicable): Facility-Wide FRA 5 Area/Facility Description: Facility-Wide Housekeeping			Severity		First Aid Only		Medical Treatment		Lost Time		Partial Disability		Death or Permanent Disability						
			Likelihood		Impossible		Unlikely		Possible		Probable		Multiple						
Approved by: E. Lessard			Date: 7/8/04		Rev.#: 1														
Reason for Revision (if applicable): FRA number added. Uniform hazard nomenclature added.									Comments:										
					Before Additional Controls							After Additional Controls							
Physical Item or Activity		Hazard(s)	Control(s)				Occupancy A	Severity B	Likelihood C	Risk* AxBxC	Control(s) Added to Reduce Risk				Occupancy A	Severity B	Likelihood C	Risk* AxBxC	% Risk Reduction
Walking – working surfaces		Falls on same level surfaces	Tier 1; work planning; skill of craft; P.E. scheduled maintenance; internal and external audits; posting; labeling; training; barriers; communication; internal processes; lessons learned				5	4	4	80	C-A staff was asked to identify outside walking/working surfaces that are in need of repair. PE instituted a program to correct deficiencies. Snow shovels and salt were distributed to staff for emergency use on walkways in winter storms. A safety checklist: Walking and Working Surfaces was distributed to staff. C-A O.P.M. 2.28.d was updated to indicate that work performed with risk factors of slipping and falling shall be classified at a minimum as a moderate hazard job and will require additional review and an Enhance Work Permit.				5	4	3	60	25
Storage		Being struck by an object, such as a tool falling on a worker from above	Tier 1; inventory control; work planning; postings; labels; barriers; internal and external audits; training; communication; internal procedures; lessons learned				4	5	2	40									
Egress		Impaired egress	Tier 1; work planning; skill of craft; P.E. scheduled maintenance; internal and external audits; posting; labeling; training; barriers; communication; internal processes; lessons learned; life safety codes; emergency preparedness				4	4	2	32									
Air		Poor indoor air quality	Tier 1; work planning; skill of craft; P.E. scheduled maintenance; internal and external audits; posting; labeling; training; barriers; HVAC maintenance, ventilation				4	3	3	36									
Further Description of Controls Added to Reduce Risk:																			
*Risk:		0 to 20		21 to 40		41-60				61 to 80				81 or greater					
		Negligible		Acceptable		Moderate				Substantial				Intolerable					